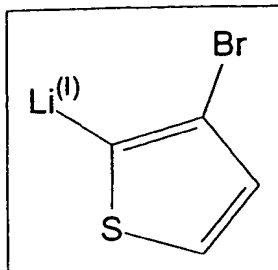
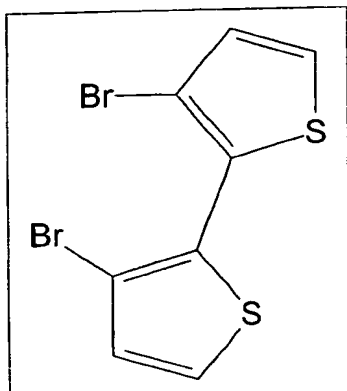


Reactant 1



Reactant 2

FD. 00-00-00
P. 1-7 7



Product 1

Reaction

Reaction ID

Reactant BRN

Product BRN

No. of Reaction Details

4508336

107278 3-bromo-[2]thienyl lithium155299 3,3'-dibromo-[2,2']bithiophenyl

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Yield

Reagent

Solvent

Time

Temperature

Preparation

76.2 percent (BRN=155299)

CuCl₂

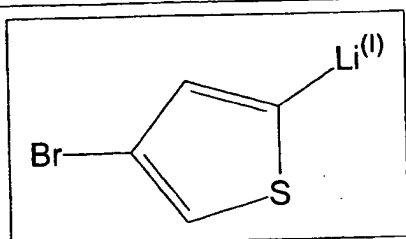
diethyl ether

2 hour(s)

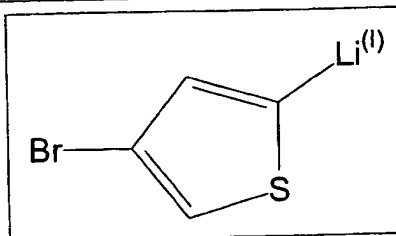
-78 C

Ref. 1

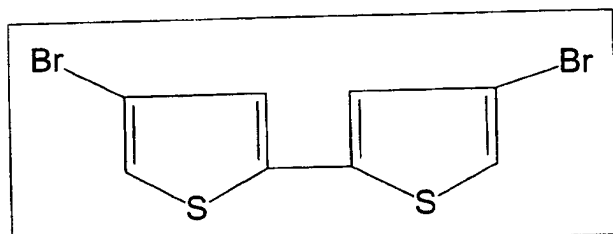
6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.



Reactant 1



Reactant 2



Product 1

Reaction

Reaction ID

4508397

Reactant BRN

107650 4-bromo-[2]thienyl lithium

Product BRN

1343971 4,4'-Dibrom-2,2'-dithienyl

No. of Reaction Details

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Preparation

Yield

70.7 percent (BRN=1343971)

Reagent

CuCl₂

Solvent

diethyl ether

Time

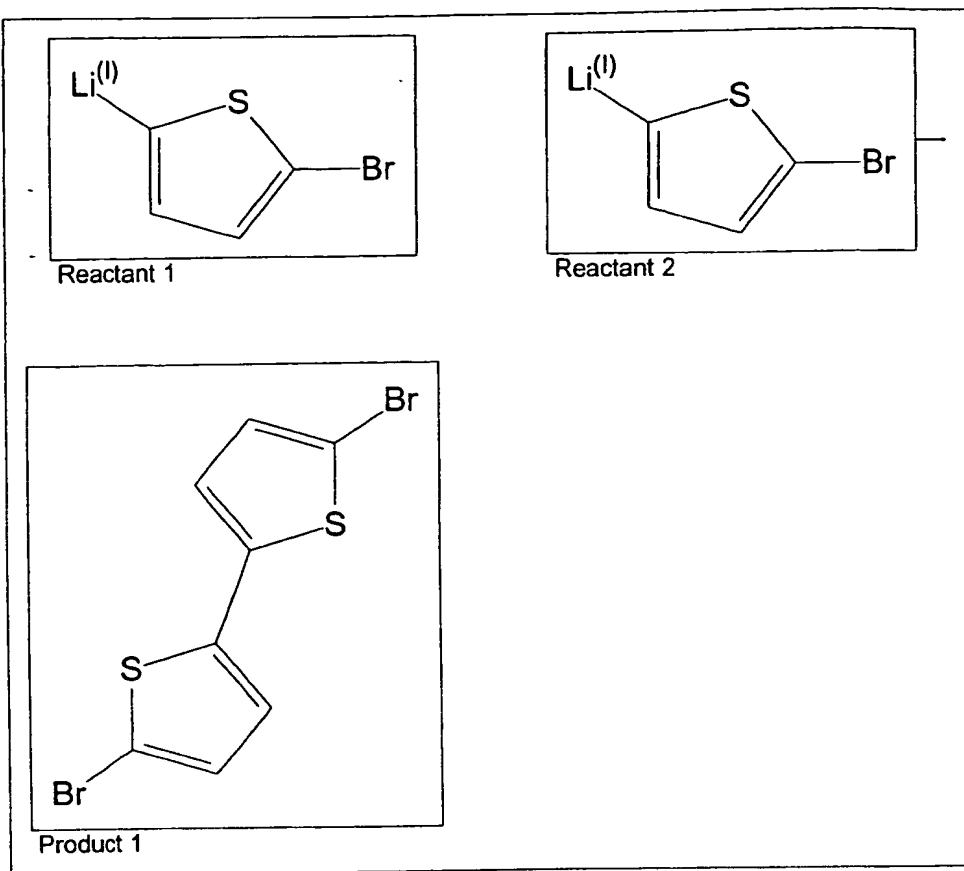
2 hour(s)

Temperature

-78 C

Ref. 1

6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.



Reaction

Reaction ID

Reactant BRN

Product BRN

No. of Reaction Details

4509578

109895 5-bromo-[2]thienyl lithium

143333 5,5'-dibromo-[2,2']bithiophenyl

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Yield

Reagent

Solvent

Time

Temperature

Preparation

86.1 percent (BRN=143333)

CuCl₂

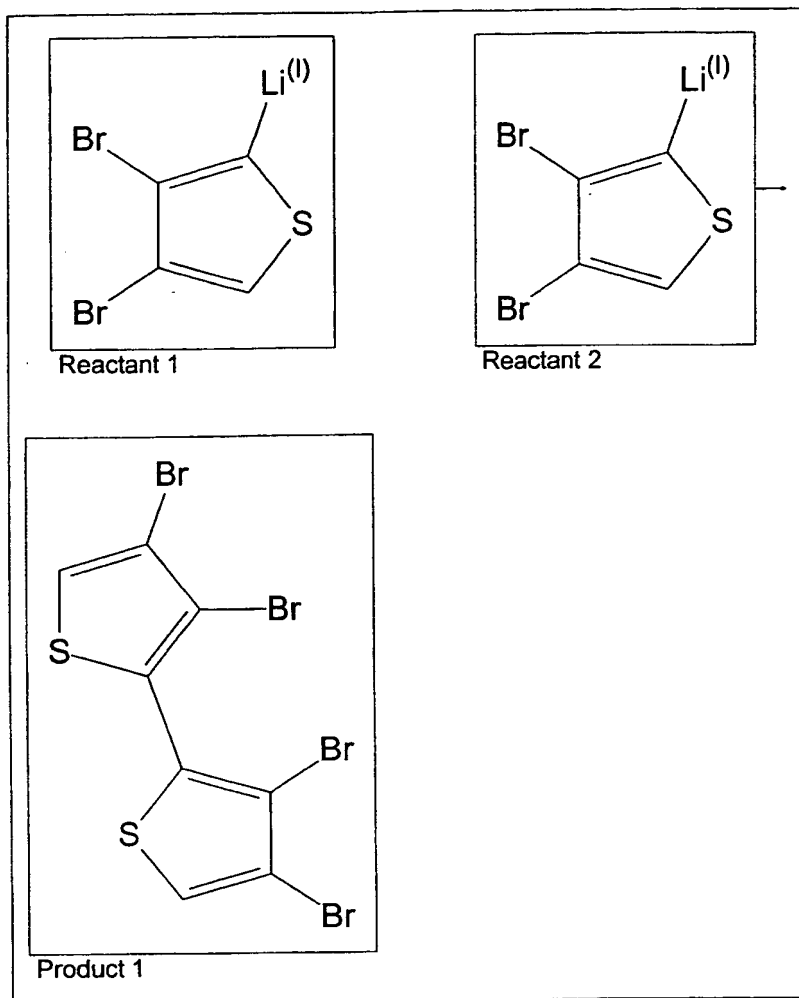
diethyl ether

2 hour(s)

-78 C

Ref. 1

6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.



Reaction

Reaction ID

Reactant BRN

Product BRN

No. of Reaction Details

4509924

111259 3,4-dibromo-[2]thienyl lithium

212490 3,4,3',4'-tetrabromo-[2,2']bithienyl

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Yield

Reagent

Solvent

Time

Temperature

Preparation

69.1 percent (BRN=212490)

CuCl₂

diethyl ether

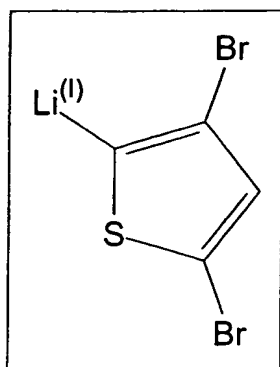
2 hour(s)

-78 C

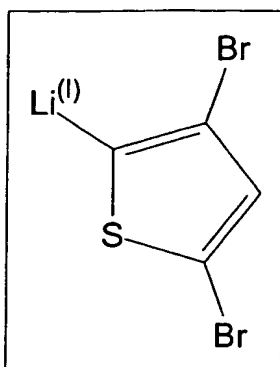
Ref. 1

6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.

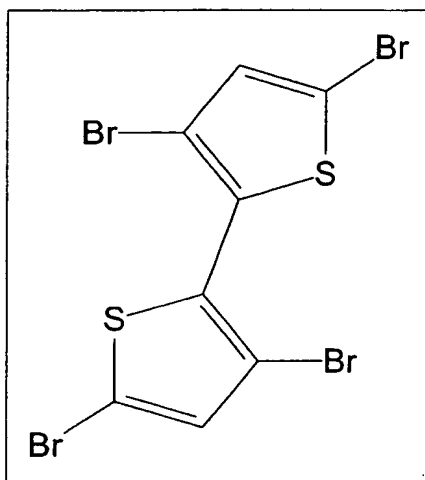
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Reactant 1



Reactant 2



Product 1

Reaction

Reaction ID

4509933

Reactant BRN

111485 3,5-dibromo-[2]thienyl lithium

Product BRN

212497 3,5,3',5'-tetrabromo-[2,2']bithienyl

No. of Reaction Details

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Preparation

Yield

80.5 percent (BRN=212497)

Reagent

CuCl₂

Solvent

diethyl ether

Time

2 hour(s)

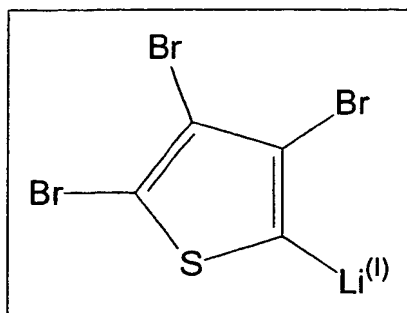
Temperature

-78 C

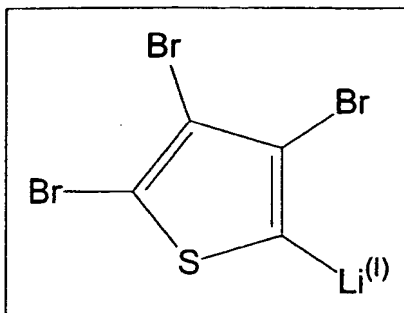
Ref. 1

6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.

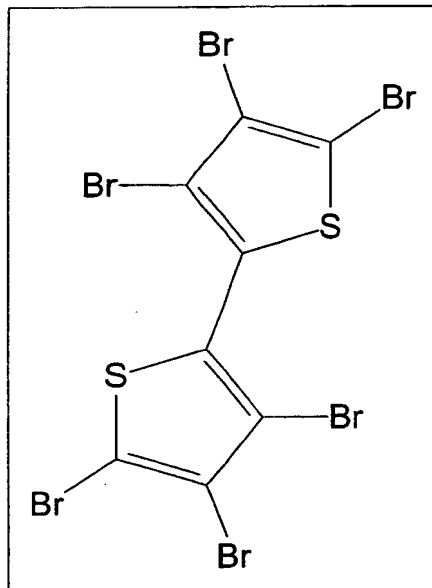
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Reactant 1



Reactant 2



Product 1

Reaction

Reaction ID

Reactant BRN

Product BRN

No. of Reaction Details

4510374

118425 tribromo-[2]thienyl lithium

266939 hexabromo-[2,2']bithienyl

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification

Yield

Reagent

Solvent

Time

Temperature

Preparation

83.6 percent (BRN=266939)

CuCl₂

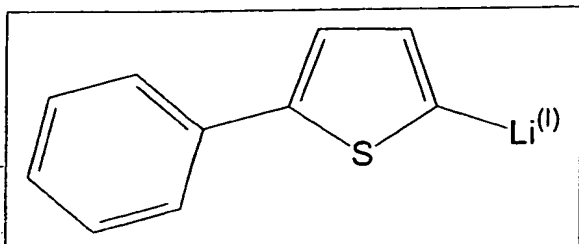
diethyl ether

2 hour(s)

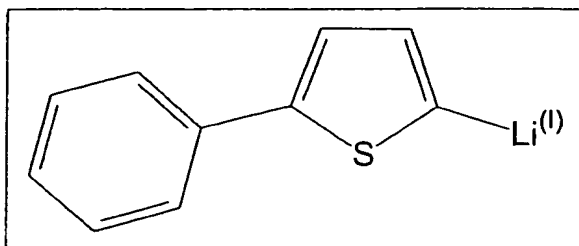
-78 C

Ref. 1

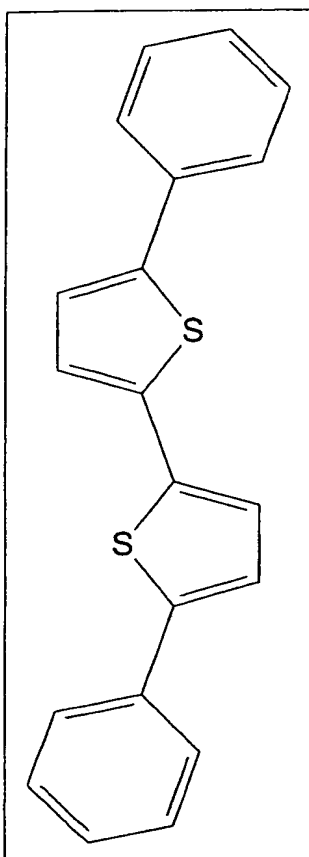
6020356; Journal; Dahlmann, Uwe; Neidlein, Richard;
HCACAV; Helv.Chim.Acta; EN; 79; 1996; 755-766.



Reactant 1



Reactant 2



Product 1

P.D.	00-00-00	2
P.	1-2	

Reaction

Reaction ID

2818027

Reactant BRN

4971329 5-phenyl-2-thienyllithium

Product BRN

239063 5,5'-Diphenyl-[2,2']bithienyl

No. of Reaction Details

1

Field Availability List

Code	Field Name	Occ.
<u>RX</u>	Reaction Details	1

Reaction Details

Reaction Classification
Reagent

Preparation
CuCl₂

Ref. 1

5608246; Journal; Sone, Tyo; Kubo, Masaaki; Kanno, Tsutomu; CMLTAG; Chem.Lett.; EN; 1982; 1195-1198.